



Image # 1614

PTO/SB/21 (03-03)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

13

Application Number

09/836,636

Filing Date

04/17/2001

First Named Inventor

Srikanth Venkatraman

Art Unit

1614

Examiner Name

To Be Assigned

Attorney Docket Number

IN01155K

ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)



Response to Missing Parts/
Incomplete Application



Response to Missing Parts
under 37 CFR 1.52 or 1.53



Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a
Provisional Application



Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

Remarks



After Allowance Communication
to Group



Appeal Communication to Board
of Appeals and Interferences



Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)



Proprietary Information



Status Letter



Other Enclosure(s) (please
Identify below):

Cert. of Mailing -1pg.; References (1);

Copy of Int'l Search Rep. -6pgs.; Post Card

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual

Palaiyur S. Kalyanaraman, Reg. No. 34,634

Signature

Date

11/18/2003

CERTIFICATE OF TRANSMISSION/MAILING

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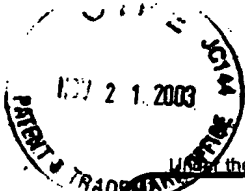
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Date

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number 09/836,636
Filing Date 04/17/2001
First Named Inventor Srikanth Venkatraman
Examiner Name
Art Unit 1614
Attorney Docket No. IN01155K

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

19-0365

Schering-Plough Corporation

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 180	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Palaiyur S. Kalyanaraman Registration No. 34,634 Telephone 908-298-5068
Signature [Signature] (Attorney/Agent) Date 11/18/2003

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Application No.: 09/836,636

Filing Date: 04/17/2001

Applicant: S. Venkatraman et al.

Title: "Macrocyclic NS3-Serine Protease Inhibitors of Hepatitis C. Virus Comprising Alkyl and Aryl Alanine P2 Moieties"

Certificate of Mailing under 37 CFR 1.8

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on 11/18/2003
Date

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Signature

Palaiyur S. Kalyanaraman, Reg. No. 34,634

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Documents enclosed:

Fee Transmittal - 1pg. in duplicate

Certificate of Mailing - 1pg.

Response Transmittal - 1pg.

Information Disclosure Statement - 2pgs.

PTO-1449 form - 1pg.

Copy of International Search Report - 6pgs.

Reference (1)

Post Card

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT CASE IN01155K

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

-----X
In re Application of: :
S. Venkatraman *et al.* :
Serial No.:09/836,636 : Examiner: To Be Assigned
Filed: April 17, 2001 : Group Art Unit: 1614
For: "Macrocytic NS3-Serine Protease :
Inhibitors of Hepatitis C Virus : Date: November 18, 2003
Comprising Alkyl and Aryl :
Alanine P2 Moieties" :
-----X

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
SUBMISSION OF INTERNATIONAL SEARCH REPORT

Sir:

The present case is currently under prosecution. Applicants are enclosing a copy of the International Search Report established in this case. Applicants, by unintentional mistake and oversight, omitted to cite this earlier. Most of the references cited in the Search Report were cited earlier by Applicants in the application and copies were provided to the Office as part of the IDS filed on August 6, 2001. The *Marchetti* reference was taken into consideration by the Examiner in the Office Action issued on this case. A copy of WO99/64442 is attached. It is requested that the documents with the International Search Report be considered and made of record. A PTO-1449 is attached.

The submission of these documents is not to be presumed as an admission that these documents are prior art. The documents are being furnished solely for their possible utility in the examination of the present case. Since an Office Action has already issued on the merits of this case, Applicants believe that a fee of \$180.00 is due at this time. The Office may

11/25/2003 MAHMED1 00000015 190365 09836636

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charge the fees, and any additional fees, to Deposit Account No. 19-0365.
Any refund in fees may be credited to the same account.

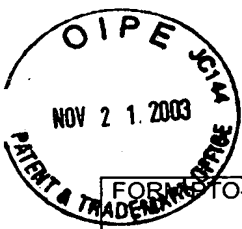
If the Examiner has any questions, the Examiner is invited to contact
the undersigned.

November 18, 2003
Schering-Plough Corporation
2000 Galloping Hill Road
Patent Department, K-6-1, 1990
Kenilworth, NJ 07033
Tel: (908) 298-5068
Fax: (908) 298-5388

Respectfully submitted,



Dr. Palaiyur S. Kalyanaraman
Attorney for Applicants
Reg. No. 34,634



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:

IN01155K

APPLICATION NO.:

09/836,636

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT:

S. Venkatraman et al.

FILING DATE:

04/17/2001

GROUP:

1614

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	AL	WO 99/64442	06/09/1999	PCT				
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	
	AR	
	AS	
	AT	
	AU	
	AV	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.